

KOMATSU

PC390LC-11/PC390LCi-11

Hydraulic excavator



Innovation



Performance



Efficiency



Improve your efficiency – less time required to complete excavation to finish grade with intelligent Machine Control.

Net horsepower
257 HP / 192 kW @ 1,950 rpm

Operating weight
87,867–90,441 lbs. / 39,856–41,023 kg

Bucket capacity
0.89–2.91 yd³ / 0.68–2.22 m³



PC390LC-11/PC390LCi-11

Engine*

Model	Komatsu SAA6D114E-6*		
Type	Water-cooled, 4-cycle, direct injection		
Aspiration	Variable Geometry Turbocharger with air-to-air aftercooler and EGR		
Number of cylinders	6		
Bore x stroke	114 mm	144.5 mm	4.49" x 5.69"
Piston displacement	8.85 L	540 in ³	
Horsepowers			
SAE J1995	Gross	202 kW	271 HP
ISO 9249 / SAE J1349	Net	192 kW	257 HP
	Rated rpm	1,950	
Fan drive method for radiator cooling	Mechanical		
Governor	All-speed control, electronic		

*EPA Tier 4 Final emissions certified

Hydraulics

Type	HydrauMind (Hydraulic Mechanical Intelligence) system, closed-center system with load sensing valve and pressure compensated valves		
Number of selectable working modes	6		
Main pump			
Type	Variable displacement axial piston type		
Pumps for	Boom, arm, bucket, swing, and travel circuits		
Maximum flow	535 L/min	141.3 gal/min	
Supply for control circuit	Self-reducing valve		
Hydraulic motors			
Travel	2 x axial piston motors with parking brake		
Swing	1 x axial piston motor with swing holding brake		

Relief valve setting

Implement circuits	37.3 MPa	380 kg/cm ²	5,400 psi
Travel circuit	37.3 MPa	380 kg/cm ²	5,400 psi
Swing circuit	27.9 MPa	285 kg/cm ²	4,050 psi
Pilot circuit	3.2 MPa	33 kg/cm ²	470 psi

Hydraulic cylinders

(Number of cylinders – bore x stroke x rod diameter)

Boom	2–140 mm x 1480 mm x 100 mm	5.5" x 58.3" x 3.9"
Arm	1–160 mm x 1825 mm x 110 mm	6.3" x 71.9" x 4.3"
Bucket for 3.2 m 10'5" and 4.0 m 13'2" arms		
1–140 mm x 1285 mm x 100 mm	5.5" x 50.6" x 3.9"	
Bucket for 2.54 m 8'4" arm		
1–150 mm x 1285 mm x 100 mm	5.9" x 50.6" x 4.3"	

Drives and brakes

Steering control	Two levers with pedals		
Drive method	Hydrostatic		
Maximum drawbar pull	329 kN		
Gradeability	70%, 35°		
Maximum travel speed	High	4.3 km/h	2.7 mph
	Mid	3.5 km/h	2.2 mph
	Low	2.8 km/h	1.7 mph
Service brake	Hydraulic lock		
Parking brake	Mechanical disc brake		

Swing system

Drive method	Hydraulic motor	
Swing reduction	Planetary gear	
Swing circle lubrication	Grease-bathed	
Service brake	Hydraulic lock	
Holding brake/Swing lock	Mechanical disc brake	
Swing speed	9.5 rpm	
Swing torque	11,386 kg•m	82,313 ft. lbs.

Undercarriage

Center frame	X-frame	
Track frame	Box-section	
Track type	Sealed	
Track adjuster	Hydraulic	
Number of shoes (each side)	49	
Number of carrier rollers (each side)	2	
Number of track rollers (each side)	8	

Coolant and lubricant capacity (refilling)

Fuel tank	605 L	159.8 U.S. gal
Radiator	37 L	9.7 U.S. gal
Engine	39 L	10.2 U.S. gal
Final drive, each side	10.5 L	2.8 U.S. gal
Swing drive	14 L	3.7 U.S. gal
Hydraulic tank	188 L	49.7 U.S. gal
Diesel Exhaust Fluid (DEF) tank	39 L	10.3 U.S. gal

Sound performance

Exterior – ISO 6395	103 dB(A)	
Operator – ISO 6396	71dB(A)	

Operating weight (approximate)*

Operating weight includes 6,500 mm 21'3" one-piece HD boom, 3,185 mm 10'5" arm, SAE heaped 1.96 m³ 2.56 yd³ bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Triple-grouser shoes	Operating weight	Ground pressure ISO 16754
700 mm 28"	39,856 kg 87,867 lbs.	0.61 kg/cm ² 8.61 psi
800 mm 31.5"	40,359 kg 88,976 lbs.	0.54 kg/cm ² 7.63 psi
900 mm 35.5"	40,796 kg 89,940 lbs.	0.48 kg/cm ² 6.86 psi

*See equipment page for option availability.

Component weights

Arm including bucket cylinder and linkage

3,185 mm 10'5" arm assembly	1,761 kg	3,882 lbs.
4,020 mm 13'2" arm assembly	1,988 kg	4,383 lbs.

One piece HD boom including arm cylinder

6,500 mm 21'3" boom assembly	3,135 kg	6,912 lbs.
Boom cylinders x 2	259 kg	571 lbs.

Counterweight	6,920 kg	15,255 lbs.
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Dimensions

Arm Length	3,185 mm	10'5"	4,020 mm	13'2"
A Overall length	11,170 mm	36'8"	11,230 mm	36'10"
B Length on ground (transport)	7,530 mm	24'8"	5,515 mm	18'1"
C Overall height (to top of boom)*	3,420 mm	11'3"	3,690 mm	12'1"
D Overall width	3,640 mm	11'11"		
E Overall height (to top of cab)*	3,262 mm	10'8"		
F Overall height (to top of handrail)*	3,363 mm	11'0"		
G Overall height (to top of GNSS antenna)*	3,420 mm	11'3"		
H Ground clearance, counterweight	1,320 mm	4'4"		
I Ground clearance, minimum	551 mm	1'10"		
J Tail swing radius	3,445 mm	11'4"		
K Track length on ground	4,350 mm	14'3"		
L Track length	5,357 mm	17'7"		
M Track gauge	2,740 mm	9'0"		
	700 mm 28" shoe	3,440 mm	11'2"	
N Width of crawler	800 mm 31.5" shoe	3,540 mm	11'6"	
	850 mm 33.5" shoe	3,640 mm	11'11"	
O Shoe width	900 mm	35.5"		
P Grouser height	37 mm	1.5"		
Q Machine height to top of engine cover	3,135 mm	10'3"		
R Machine upper width**	3,145 mm	10'4"		
S Distance, swing center to rear end	3,405 mm	11'2"		

*Including grouser height **Including handrail

Backhoe bucket, arm and boom combination

Bucket type	Bucket						6.5 m (21'3") Boom		
	Capacity		Teeth	Width	Weight	Tip radius	3.2 m (10'5")	4.0 m (13'2")	
Komatsu	0.93 m ³	1.21 yd ³	4	762 mm	30"	1,097 kg 2,418 lbs.	1674 mm	65.9"	●
	1.18 m ³	1.54 yd ³	4	914 mm	36"	1,198 kg 2,641 lbs.	1674 mm	65.9"	●
	1.44 m ³	1.88 yd ³	5	1,067 mm	42"	1,325 kg 2,921 lbs.	1674 mm	65.9"	●
	1.70 m ³	2.22 yd ³	5	1,219 mm	48"	1,426 kg 3,144 lbs.	1674 mm	65.9"	●
	1.96 m ³	2.56 yd ³	6	1,372 mm	54"	1,554 kg 3,425 lbs.	1674 mm	65.9"	○
	2.22 m ³	2.91 yd ³	6	1,524 mm	60"	1,554 kg 3,425 lbs.	1674 mm	65.9"	□
Komatsu	0.68 m ³	0.89 yd ³	3	610 mm	24"	1,022 kg 2,254 lbs.	1674 mm	65.9"	●
	0.93 m ³	1.21 yd ³	4	762 mm	30"	1,178 kg 2,598 lbs.	1674 mm	65.9"	●
	1.18 m ³	1.54 yd ³	4	914 mm	36"	1,358 kg 2,993 lbs.	1674 mm	65.9"	●
	1.44 m ³	1.88 yd ³	5	1,067 mm	42"	1,439 kg 3,173 lbs.	1674 mm	65.9"	●
	1.70 m ³	2.22 yd ³	5	1,219 mm	48"	1,555 kg 3,429 lbs.	1674 mm	65.9"	○
	1.96 m ³	2.56 yd ³	6	1,372 mm	54"	1,701 kg 3,750 lbs.	1674 mm	65.9"	□
Komatsu	0.68 m ³	0.89 yd ³	3	610 mm	24"	1,112 kg 2,451 lbs.	1674 mm	65.9"	●
	0.93 m ³	1.21 yd ³	4	762 mm	30"	1,294 kg 2,853 lbs.	1674 mm	65.9"	●
	1.18 m ³	1.54 yd ³	4	914 mm	36"	1,437 kg 3,167 lbs.	1674 mm	65.9"	●
	1.44 m ³	1.88 yd ³	5	1,067 mm	42"	1,607 kg 3,543 lbs.	1674 mm	65.9"	●
	1.70 m ³	2.22 yd ³	5	1,219 mm	48"	1,750 kg 3,857 lbs.	1674 mm	65.9"	○
	1.96 m ³	2.56 yd ³	6	1,372 mm	54"	1,921 kg 4,236 lbs.	1674 mm	65.9"	□
Komatsu	0.68 m ³	0.89 yd ³	3	610 mm	60"	1,554 kg 3,425 lbs.	1674 mm	65.9"	○
	0.93 m ³	1.21 yd ³	4	762 mm	30"	1,294 kg 2,853 lbs.	1674 mm	65.9"	○
	1.18 m ³	1.54 yd ³	4	914 mm	36"	1,437 kg 3,167 lbs.	1674 mm	65.9"	○
	1.44 m ³	1.88 yd ³	5	1,067 mm	42"	1,607 kg 3,543 lbs.	1674 mm	65.9"	○
	1.70 m ³	2.22 yd ³	5	1,219 mm	48"	1,750 kg 3,857 lbs.	1674 mm	65.9"	○
	1.96 m ³	2.56 yd ³	6	1,372 mm	54"	1,921 kg 4,236 lbs.	1674 mm	65.9"	○
Komatsu	0.68 m ³	0.89 yd ³	3	610 mm	24"	1,239 kg 2,731 lbs.	1674 mm	65.9"	●
	0.93 m ³	1.21 yd ³	4	762 mm	30"	1,421 kg 3,133 lbs.	1674 mm	65.9"	●
	1.18 m ³	1.54 yd ³	4	914 mm	36"	1,564 kg 3,447 lbs.	1674 mm	65.9"	●
	1.44 m ³	1.88 yd ³	5	1,067 mm	42"	1,734 kg 3,823 lbs.	1674 mm	65.9"	●
	1.70 m ³	2.22 yd ³	5	1,219 mm	48"	1,877 kg 4,137 lbs.	1674 mm	65.9"	○
	1.96 m ³	2.56 yd ³	6	1,372 mm	54"	2,048 kg 4,516 lbs.	1674 mm	65.9"	○
Komatsu	0.68 m ³	0.89 yd ³	3	610 mm	60"	1,554 kg 3,425 lbs.	1674 mm	65.9"	○
	0.93 m ³	1.21 yd ³	4	762 mm	30"	1,239 kg 2,731 lbs.	1674 mm	65.9"	○
	1.18 m ³	1.54 yd ³	4	914 mm	36"	1,421 kg 3,133 lbs.	1674 mm	65.9"	○
	1.44 m ³	1.88 yd ³	5	1,067 mm	42"	1,564 kg 3,447 lbs.	1674 mm	65.9"	○
	1.70 m ³	2.22 yd ³	5	1,219 mm	48"	1,734 kg 3,823 lbs.	1674 mm	65.9"	○
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Komatsu	0.68 m ³	0.89 yd ³	3	610 mm	60"	1,554 kg 3,425 lbs.	1674 mm	65.9"	○
	0.93 m ³	1.21 yd ³	4	762 mm	30"	1,239 kg 2,731 lbs.	1674 mm	65.9"	○
	1.18 m ³	1.54 yd ³	4	914 mm	36"	1,421 kg 3,133 lbs.	1674 mm	65.9"	○
	1.44 m ³	1.88 yd ³	5	1,067 mm	42"	1,564 kg 3,447 lbs.	1674 mm	65.9"	○
	1.70 m ³	2.22 yd ³	5	1,219 mm	48"	1,734 kg 3,823 lbs.	1674 mm	65.9"	○
	1.96 m ³	2.56 yd ³	6	1,372 mm	54"	1,877 kg 4,137 lbs.	1674 mm	65.9"	○

For best semi-automatic machine control performance, observe maximum attachment weights:

• 2,500 kg 5,511 lbs. maximum for 3,185 mm 10' 5" standard arm assembly

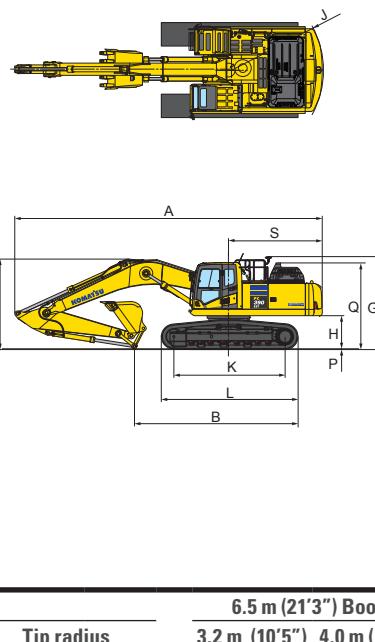
• 2,350 kg 5,180 lbs. maximum for 4,020 mm 13' 2" standard arm assembly

Exceeding recommended attachment weights may negatively impact performance and accuracy of semi-automatic function.

● - Used with material weights up to 3,500 lbs./yd³ - Quarry/rock/high abrasion applications ○ - Used with material weights up to 2,000 lbs./yd³ - Light materials applications
 □ - Used with material weights up to 2,500 lbs./yd³ - General construction X - Not useable
 ○ - Used with material weights up to 3,000 lbs./yd³ - Tough digging applications

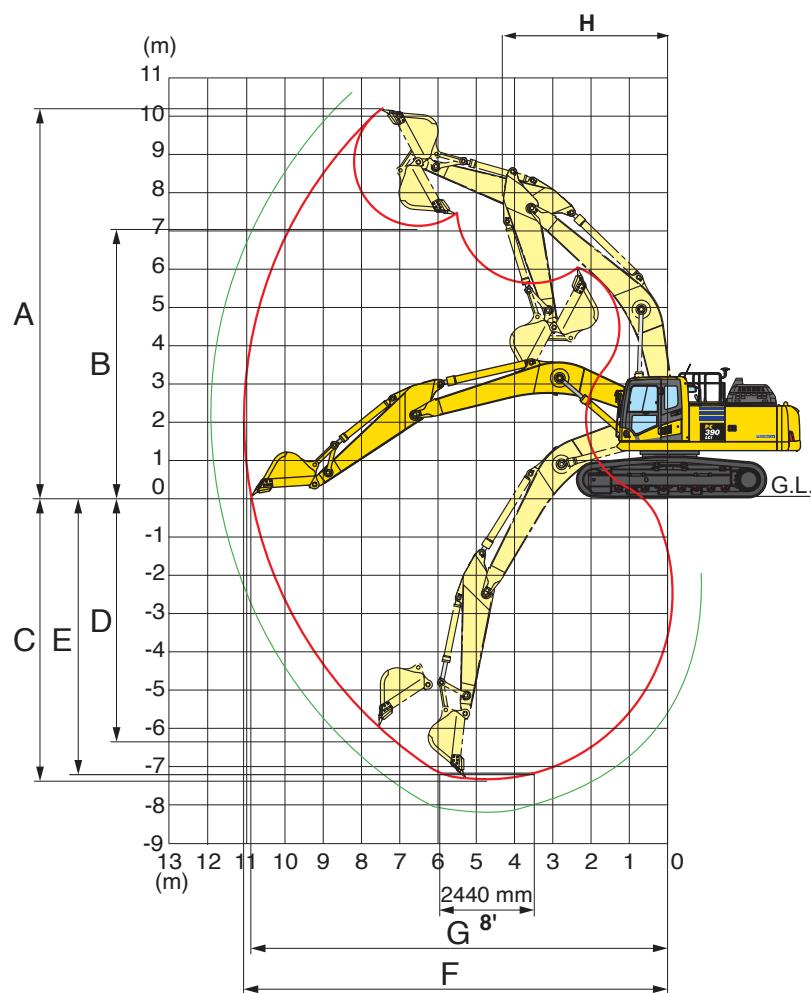
Komatsu recommends the use of buckets sized to machine capacity. Buckets listed in the table above are sized appropriate to the specified material densities.

Buckets exceeding recommended sizes may result in reduced performance.



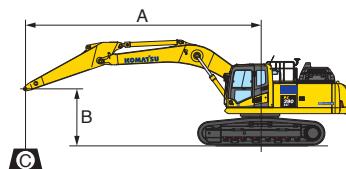
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Working range



Arm Length		3,185 mm	10'5"	4,020 mm	13'2"
A	Max. digging height	10,260 mm	33'7"	10,660 mm	35'0"
B	Max. dumping height	7,155 mm	23'6"	7,600 mm	24'11"
C	Max. digging depth	7,265 mm	23'10"	8,100 mm	26'7"
D	Max. vertical wall digging depth	6,235 mm	20'6"	7,145 mm	23'5"
E	Max. digging depth for 8' level bottom	7,100 mm	23'3"	7,975 mm	26'2"
F	Max. digging reach	11,100 mm	36'5"	11,895 mm	39'0"
G	Max. digging reach at ground level	10,870 mm	35'8"	11,705 mm	38'5"
H	Min. swing radius	4,310 mm	14'2"	4,320 mm	14'2"
SAE rating		Bucket digging force at power max.	200 kN 20,400 kg / 44,970 lbs.	200 kN 20,400 kg / 44,970 lbs.	
		Arm crowd force at power max.	165 kN 16,800 kg / 37,040 lbs.	139 kN 14,200 kg / 31,310 lbs.	
ISO rating		Bucket digging force at power max.	228 kN 23,200 kg / 51,150 lbs.	227 kN 23,100 kg / 50,930 lbs.	
		Arm crowd force at power max.	171 kN 17,400 kg / 38,360 lbs.	144 kN 14,700 kg / 32,410 lbs.	

Lifting capacity with lifting mode

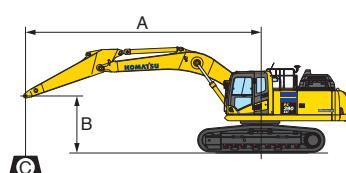


A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 Rating at maximum reach

Conditions:

- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- Lifting mode: On

Arm: 3,185 mm 10'5"				Shoes: 800 mm 31.5"				Unit: kg lbs.			
A	3.0 m 10'	4.6 m 15'		6.1 m 20'	7.6 m 25'		9.1 m 30'		MAX	Cf	Cs
B	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs			
7.6 m									*	7200	*
25'									*	15900	*
6.1 m					*	8900	8800		*	7000	*
20'					*	19650	19450		*	15500	*
4.6 m			*	10800	*	10800	*	9400	8650		*
15'			*	23850	*	23850	*	20750	19050		*
3.0 m	*	16350	*	16350	*	12150	11400	*	10050	8400	*
10'	*	36150	*	36150	*	26850	25200	*	22200	18550	*
1.5 m	*	18250	16350	*	13250	11000	*	10650	8150	*	9000
5'	*	40250	36150	*	29250	24300	*	23450	18050	*	19850
0 m	*	18500	16050	*	13750	10750	*	10900	8000	*	8900
0'	*	40800	35350	*	30300	23700	*	24000	17700	*	19600
-1.5 m	*	14150	*	14150	*	17600	15950	*	13400	10650	*
-5'	*	31250	*	31250	*	38850	35250	*	29600	23450	*
-3.0 m	*	20250	*	20250	*	15650	15650	*	12200	10700	*
-10'	*	44700	*	44700	*	34550	34550	*	26900	23600	*
-4.6 m	*	15250	*	15250	*	12250	12250	*	9300	9300	*
-15'	*	33600	*	33600	*	27000	27000	*	20500	20500	*



A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 Rating at maximum reach

Conditions:

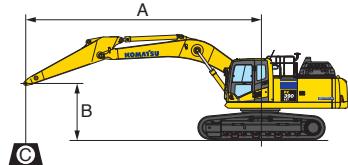
- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- Lifting mode: On

Arm: 3,185 mm 10'5"				Shoes: 900 mm 35.5"				Unit: kg lbs.			
A	3.0 m 10'	4.6 m 15'		6.1 m 20'	7.6 m 25'		9.1 m 30'		MAX		Cs
B	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs			
7.6 m									*	7200	*
25'									*	15900	*
6.1 m					*	8900	8900		*	7000	*
20'					*	19650	19600		*	15500	*
4.6 m			*	10800	*	10800	*	9400	8700		*
15'			*	23850	*	23850	*	20750	19250		*
3.0 m	*	16350	*	16350	*	12150	11550	*	10050	8500	*
10'	*	36150	*	36150	*	26850	25450	*	22200	18700	*
1.5 m	*	18250	16550	*	13250	11100	*	10650	8250	*	9000
5'	*	40250	36500	*	29250	24550	*	23450	18200	*	19850
0 m	*	18500	16200	*	13750	10850	*	10900	8100	*	8900
0'	*	40800	35750	*	30300	23950	*	24000	17850	*	19600
-1.5 m	*	14150	*	14150	*	17600	16150	*	13400	10750	*
-5'	*	31250	*	31250	*	38850	35600	*	29600	23700	*
-3.0 m	*	20250	*	20250	*	15650	15650	*	12200	10800	*
-10'	*	44700	*	44700	*	34550	34550	*	26900	23850	*
-4.6 m	*	15250	*	15250	*	12250	12250	*	9300	9300	*
-15'	*	33600	*	33600	*	27000	27000	*	20500	20500	*

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

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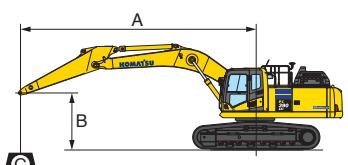
Lifting capacity with lifting mode



A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 ☀: Rating at maximum reach

Conditions:
 • Boom length: 6,500 mm 21' 3" one-piece boom
 • Bucket: None
 • Lifting mode: On

Arm: 4,020 mm 13'2"		Shoes: 800 mm 31.5"										Unit: kg lbs.		
		A 3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		MAX ☀		
B		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.6 m												* 5600	* 5600	
25'												* 12350	* 12350	
6.1 m						*	7900	*	7900	*	6700	6650	* 5450	* 5450
20'						*	17500	*	17500	*	14850	14700	* 12050	* 12050
4.6 m						*	8500	*	8500	*	7800	6600	* 5500	* 5500
15'						*	18750	*	18750	*	17300	14550	* 12100	* 12100
3.0 m		*	14450	*	14450	*	11050	*	11050	*	9250	8350	* 8200	6450
10'		*	31850	*	31850	*	24350	*	24350	*	20450	18400	* 18050	14200
1.5 m		*	16900		16350	*	12350		10900	*	10000	8050	* 8500	6250
5'		*	37250		36050	*	27250		24050	*	22000	17750	* 18800	13850
0 m	*	8550	*	8550	*	17950		15700	*	13200	10550	7800	* 8700	6150
0'	*	18900	*	18900	*	39650		34650	*	29150	23300	*	23050	17250
-1.5 m	*	12750	*	12750	*	17800		15450	*	13300	10300	*	10500	7650
-5'	*	28150	*	28150	*	39250		34150	*	29350	22800	*	23150	16950
-3.0 m	*	18300	*	18300	*	16500		15500	*	12600	10300	*	9850	7650
-10'	*	40350	*	40350	*	36450		34200	*	27800	22750	*	21750	16900
-4.6 m	*	18650	*	18650	*	14000	*	14000	*	10750	10400	*	7900	7800
-15'	*	41150	*	41150	*	30900	*	30900	*	23750	22950	*	17400	17250



A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 ☀: Rating at maximum reach

Conditions:
 • Boom length: 6,500 mm 21' 3" one-piece boom
 • Bucket: None
 • Lifting mode: On

Arm: 4,020 mm 13'2"		Shoes: 800 mm 31.5"										Unit: kg lbs.		
		A 3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		MAX ☀		
B		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.6 m												* 5600	* 5600	
25'												* 12350	* 12350	
6.1 m						*	7900	*	7900	*	6700	6650	* 5450	* 5450
20'						*	17500	*	17500	*	14850	14700	* 12050	* 12050
4.6 m						*	8500	*	8500	*	7800	6600	* 5500	* 5500
15'						*	18750	*	18750	*	17300	14550	* 12100	* 12100
3.0 m		*	14450	*	14450	*	11050	*	11050	*	9250	8350	* 8200	6450
10'		*	31850	*	31850	*	24350	*	24350	*	20450	18400	* 18050	14200
1.5 m		*	16900		16350	*	12350		10900	*	10000	8050	* 8500	6250
5'		*	37250		36050	*	27250		24050	*	22000	17750	* 18800	13850
0 m	*	8550	*	8550	*	17950		15700	*	13200	10550	7800	* 8700	6150
0'	*	18900	*	18900	*	39650		34650	*	29150	23300	*	23050	17250
-1.5 m	*	12750	*	12750	*	17800		15450	*	13300	10300	*	10500	7650
-5'	*	28150	*	28150	*	39250		34150	*	29350	22800	*	23150	16950
-3.0 m	*	18300	*	18300	*	16500		15500	*	12600	10300	*	9850	7650
-10'	*	40350	*	40350	*	36450		34200	*	27800	22750	*	21750	16900
-4.6 m	*	18650	*	18650	*	14000	*	14000	*	10750	10400	*	7900	7800
-15'	*	41150	*	41150	*	30900	*	30900	*	23750	22950	*	17400	17250

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

Equipment

Cab	PC390LC	PC390LCi	Electrical system	PC390LC	PC390LCi
ROPS cab (ISO12117-2)	●	●	Batteries, large capacity (2 x 12 volt)	●	●
High back air suspension seat, with heat	●	●	Battery master disconnect switch with lockout tagout	●	●
Operator Protective Guard (OPG) Level 1 top guard	●	●	Alternator (90Amp, 24Volt)	●	●
Large LCD high resolution color monitor	●	●	Starter motor (11kW)	●	●
Automatic climate control	●	●	Secondary engine shut off switch	●	●
Retractable seat belt (76mm width) with indicator	●	●	Working lights (1 front RH side / 1 boom LH side)	●	●
Two 12V accessory outlets	●	●			
Rearview mirrors, right hand and left hand side	●	●			
Rearview monitoring system (1 camera)	●	●			
Travel alarm	●	●			
Proportional joystick control levers	○	●			
Operator identification system	●	●			
Hydraulic lock lever	●	●			
Skylight	●	●			
Sunvisor	○	○			
Rainvisor	○	○			
Working lights, two additional cab mounted	○	○			
Straight travel pedal	□	□			
Engine	PC390LC	PC390LCi	Booms and arms	PC390LC	PC390LCi
Komatsu SAA6D114E-6 Tier 4 Final	●	●	6500mm (21'3") HD boom assembly	●	●
Dry type air cleaner, double element	●	●	6500mm (21'3") HD boom assembly with +1 attach piping	○	○
Fuel pre-filter with water separator	●	●	3185mm (10'5") arm assembly	●	●
Fuel high efficiency filter	●	●	3185mm (10'5") arm assembly with +1 attach piping	○	○
Automatic engine warm up system	●	●	4020mm (13'2") arm assembly	○	○
Programmable auto-idle shut down	●	●	4020mm (13'2") arm assembly with +1 attach piping	○	-
Overheat prevention system	●	●	Boom foot, boom nose, and arm end steel castings	●	●
Turbocharger protection system	●	●			
Hydraulic controls	PC390LC	PC390LCi	Undercarriage and work equipment	PC390LC	PC390LCi
Pattern change control valve (ISO to BH control)	●	●	800mm (31.5") triple grouser track shoes	●	●
Working mode selection system (6 modes)	●	●	900mm (35") triple grouser track shoes	○	○
Dual pump, Closed Center Load Sensing System (CLSS)	●	●	700mm (28") triple grouser track shoes	○	○
Auto-deceleration system	●	●	8 track / 2 carrier rollers (each side)	●	●
Power max system	●	●	Hydraulic track adjusters (each side)	●	●
Boom and arm holding valves	●	●	Track guiding guards, center section (each side)	●	●
Two boom mode settings	●	●	Track roller guards, full length (each side)	○	○
Boom and arm +1 attach piping	○	○	Counterweight, 6,920kg (15,255 lb)	●	●
One way/two way flow hyd control unit Variable pressure, return filter, & accumulator	○	-	Counterweight, 7,400kg (16,315 lb)**	○	-
One way/two way flow hyd control unit Variable pressure and flow, return filter, and accumulator	-	○	Object handling H-link	●	●
			228mm (9") track pitch	●	●
Technology	PC390LC	PC390LCi	Guards and covers	PC390LC	PC390LCi
Komtrax level 5.0	●	●	Revolving frame deck guards	●	●
Intelligent Machine Control	-	●	Revolving frame undercovers	●	●
264mm (10.4") IMC color monitor with USB	-	●	Track frame swivel guard	●	●
Multi-band UHF/915SS radio	-	●	Pump / engine room partition	●	●
Auto grade assist	-	●	Turbocharger exhaust manifold cover	●	●
Auto stop control	-	●	Dust net for radiator and hydraulic oil cooler	●	●
Minimum distance control	-	●	Slip resistant foot plates	●	●
Bucket angle hold control	-	●	Tool free access to engine and aftertreatment	●	●
Provision for auto tilt control*	-	●	Left and right side hand rails	●	●
Komvision (4 camera system)	-	□○	Cab full front guard, OPG Level 1	○	○
IMU for auto tilt control	-	□	Cab full front guard, OPG Level 2	○	○
In field design - 2D simple surface	-	●	Cab top guard, OPG Level 2	○	○
Drive and brake system	PC390LC	PC390LCi	Revolving frame undercovers - heavy duty	○	○
Three speed travel with auto shift	●	●	Revolving frame undercovers - severe duty	○	○
Double reduction type final drive	●	●			
Triple labyrinth final drive seals	●	●			

*IMU for auto-tilt control required for operation

**With revolving frame reinforcements, Only available with super long fronts

For a complete list of available attachments, please contact your local Komatsu distributor.

Standard equipment	●
Optional equipment	○
Optional (field install)	□

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